

# VRSCET

Voice of V.R.S. College of Engineering and Technology

*News Letter*

## PROJECT CONTESTS

Major and Mini Project contests were conducted in our college on 21<sup>st</sup> March 2018.

## UNIVERSITY RANK HOLDER

Mrs.V.Mahalakshmi of M.E. (Embedded System Technologies) secured 10<sup>th</sup> University Rank in Anna University Examinations 2017-18.



## PLACEMENT

Mr.T.Suresh Kumar of B.E. (Computer Science and Engineering) is placed in Infosys and Zoho Corporation. Totally, so far 162 students have been placed in various companies in the year 2017-18.

## ANNUAL DAY

Annual Day was celebrated on 24<sup>th</sup> March 2018. Mr.S.Jeyakumar, M.Sc. (Agri), I.P.S., Viluppuram District, Viluppuram was the Chief Guest. He distributed the Awards, Medals and Certificates to students for Academic and Sports Excellence.



# V.R.S. College of Engineering and Technology

(Accredited by NAAC & An ISO 9001:2008 Recertified Institution)

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## Department of Mechanical Engineering

### Association (TheAME) Activities:



- ✂ ICMR sponsored two days National level seminar was conducted jointly with Research and Development Committee during 29<sup>th</sup> and 30<sup>th</sup> June 2017. Dr.S.Shankar, Associate Professor, Kongu Engineering College, Dr.T.M.Sridhar, Assistant Professor, University of Madras, Dr.B.Subramanian, Principal Scientist, Central Electrochemical Research Institute and Dr.R.Balamurugan, Research Scientist & Incharge, Sri Manukula Vinayagar Medical College & Hospital delivered guest lectures on “Challenges in the Research on Orthopedic Implant Materials”
- ✂ TheAME in association with ISTE and Career Guidance Bureau organized Inauguration of association activities for the year 2017-18 and guest lecture was delivered on “Composite Materials and its Applications in Wind Turbine Blades” by Er.Mohana Krishna, Project Lead, Tech Mahindra, Bangalore on 22<sup>nd</sup> July 2017.

### Staff Activities:

#### Faculty Pursuing Higher Studies:

- ✂ Mr.R.Ravisankar, Associate Professor and Mr.N.Ejournale, Assistant Professor are pursuing their Ph.D. in Pondicherry University.
- ✂ Mr.S.Shanmugasundaram, Associate Professor and Mr.P.Sarangapani, Assistant Professor are pursuing their Ph.D. in Anna University.

#### FDP/Workshop/Seminar participations:

- ✂ Mr.S.Sivaguru, Assistant Professor attended the QIP sponsored one week short term course under the title of “Recent Developments in Conventional and Non-Conventional Energy Sources” at Pondicherry Engineering College from 06<sup>th</sup> to 10<sup>th</sup> November 2017.
- ✂ Mr.R.Malayalattar, Assistant Professor attended the Faculty Development Training Programme under the title of “Nanotechnology for Energy and Agriculture” sponsored by AICTE at IFET College of Engineering, Gangarampalayam from 13<sup>th</sup> November to 26<sup>th</sup> December 2017.
- ✂ Mr.S.Prabakaran, Assistant Professor attended the Faculty Development Training Programme under the title of “Industrial Automation” sponsored by AICTE-QIP at Thiagarajar College of Engineering, Madurai from 20<sup>th</sup>

November to 03<sup>rd</sup> December 2017.

- ✂ Mr.K.Padmanabhan, Assistant Professor attended the Faculty Development Training Programme under the title of “Unconventional Machining Processes” sponsored by Anna University from 04<sup>th</sup> to 11<sup>th</sup> December 2017.
- ✂ Mr.R.Ramasamy and Mr.S.Prabakaran, Assistant Professors presented a paper titled “An Experimental Investigation and optimization of CNC drilling parameters of HCHCR-Steel with different coated drill bits” in the International Conference on Advances in Mechanical, Production and Industrial Engineering - 2018 at Mahindra Institute of Engineering and Technology, Tiruchengode on 14<sup>th</sup> and 15<sup>th</sup> February 2018.
- ✂ Mr.R.Malayalattar and Mr.A.Rajaraman, Assistant Professors presented a paper titled “Experimental Investigation of Pyrolytic oil in IC Engines using Palmyra Nut Shell Oil ” in the 7<sup>th</sup> International Conference on Futuristic Trends in Mechanical Engineering - ICFTME - 2018 at Thiruvalluvar College of Engineering and Technology, Vandavasi during 3<sup>rd</sup> and 4<sup>th</sup> March 2018.

### Students Activities:

- ✂ Mr.S.Mohamed Noufal Rizwan, Mr.S.Mohamed Haneef and Mr.Mohamed Asic of final year won first and second prize in paper presentation titled “Design and Fabrication of Hexapod Bar Linkage with rotating wheel for Walking Motion” conducted at SKR Engineering College, Chennai on 07<sup>th</sup> October 2017 and Sriram Engineering College, Chennai on 07<sup>th</sup> September 2017 respectively; they also won third prize in Project Contest on the same title conducted at Panimalar Institute of Technology, Chennai on 21<sup>st</sup> February 2018..
- ✂ Mr.M.Mohamed Islam, Mr.T.Ajithkumar and Mr.R.Arivazhagan of final year won first and third prize in the Skill Summit 2017 titled “Design and Fabrication of Mini Bike with Folding Method” conducted at Government Girls Higher Secondary School, Villupuram on 05<sup>th</sup> October 2017 and Project Expo-17 at Sri Manakula Vinayagar Engineering College, Puducherry on 15<sup>th</sup> September 2017; they also won first prize in Project Contest on the same title conducted at IFET College of Engineering, Villupuram on 03<sup>rd</sup> February 2018.
- ✂ Mr.S.Balamurugan and Ms.G.Keerthana of final year won first and third prize in paper presentation titled “Solar Powered Automated Potting Shed” conducted at Sri Venkateswara College of Engineering & Technology, Ariyur on 06<sup>th</sup> October 2017 and Sri Manakula Vinayagar Engineering College, Puducherry on 15<sup>th</sup> September 2017 respectively.
- ✂ Mr.Srinivasan, Mr.K.Shrikrishnan and Mr.E.Naveen Prasath of final year participated in paper presentation under the title of “Recent Trends in Alternate Fuels” at Sri Manakula Vinayagar Engineering College, Puducherry on 15<sup>th</sup> September 2017.





- ✂ Mr.M.A.Mohamed Fahad and Mr.S.Mohamed Rizwan of final year participated in paper presentation under the title of “Walking Bi-Cycle” at SKR Engineering College, Chennai on 07<sup>th</sup> October 2017
- ✂ Mr.M.Muruganandham and Mr.A.Praveen Kumar of final year participated in paper presentation and won first prize under the title of “Power Generation from Bio-Gas” at Sengunthar Engineering College on 07<sup>th</sup> October 2017
- ✂ Mr.M.Balaji, Mr.V.Rajkumar and Mr.A.Jaya Kumar of final year participated in paper presentation and won first prize under the title of “Performance and Emission Test on SI Engine” and Mr.K.Gopinath and Mr.R.Thirumalai of final year participated in paper presentation and won third prize under the title of “Air Compressor using Mini Wind Mill” at Valliammai Engineering College on 07<sup>th</sup> October 2017.
- ✂ Mr.E.NaveenPrasath and Mr.S.Srinivasan of final year won second prize in paper presentation titled on “Chain Hoist Mechanism” in National level technical symposium at CK College of Engineering & Technology, Cuddalore on 01<sup>st</sup> March 2018.
- ✂ Mr.R.AjithKumar of third year won second prize in paper presentation titled on “Nano fluids” and Mr.S.MohamedRizwan and Mr.M.Balamurugan of final year won second prize in paper presentation titled on “Hexapot” in National level technical symposium at Arunai Engineering College, Thiruvannamalai on 09<sup>th</sup> March 2018 and 15<sup>th</sup> March 2018.
- ✂ Mr.M.Muruganantham and Mr.N.Praveenkumar of final year presented a paper under the guidance of Mr.P.Sarangapani, Assistant Professor on “Design and Fabrication of Micro-Drilling of Multi-Material Sheets”, Mr.S.Balamurugan and Ms.G.Keerthana of final year presented a paper under the guidance of Mr.R.Malayalattar, Assistant Professor on “Design and Fabrication of Automatic Potting Shed powered by solar energy” and Mr.M.Palanibharathi, Mr.V.Sathishkumar and Mr.A.Pavinkumar of final year presented a paper under the guidance of Mr.C.Subramaniam, Associate Professor on “Staircase Adjustment for Physically Challenged Person” in the International Conference on Modern Research in Engineering Science and Technology - ICMREST-2018 at our College on 7<sup>th</sup> April 2018.

- ✂ Mr.V.Rajkumar, Mr.M.Balaji, Mr.R.Jeevanantham and Mr.A.Jayakumar of final year won third prize in Project Contest titled “Design & Fabrication of portable mini car using compressed air and IC engine” at CK College of Engineering & Technology on 01<sup>st</sup> March 2018.

#### Technical Events:

- ✂ Mr.K.S.Naveenkumar of final year won third prize in “Technical Quiz” in National level technical symposium at CK College of Engineering & Technology on 01<sup>st</sup> March 2018.
- ✂ Mr.R.AjithKumar and Mr.V.Anandhakrishnan of third year won third prize in “CADD Modelling & Simulation” in National level technical symposium at Alpha College of Engineering College, Pondicherry on 10<sup>th</sup> March 2018.

#### Industrial Visits:

- ✂ Mr.S.Shanmugasundaram and Mrs.Jaya Associate Professors and Mr.P.Sarangapani and Mr.R.Carmelraj, Assistant Professors guided final year students to visit Anna Aluminium and Roots Industries in Thrissur, on 10<sup>th</sup> August 2017.
- ✂ Mr.B.Selvasarathy, Associate Professor and Mr.N.Ejumaale, Mr.A.Shanmugarajan and Mr.R.Malayalattar, Assistant Professors guided third year students to visit United Cooling Systems and Modern Industries Private limited in Ernakulam on 10<sup>th</sup> August 2017.
- ✂ Mr.B.Selvasarathy, Associate Professor and Mr.D.Sathesh Kumar, Mr.S.Sivaguru, and Mr.A.Rajaraman, Assistant Professors guided second year students to visit Classik Cooling Towers and Roots Industries in Coimbatore on 10<sup>th</sup> August 2017 and Ooty tea factory on 11<sup>th</sup> August 2017.

#### Inplant Training:

- ✂ Mr.P.Jesin, Mr.L.Gilbert Arokiaraj, Mr.M.Arjunkumar and Mr.M.Kabilan of final year went to Inplant Training in Royal Enfield, Chennai during 13<sup>th</sup> and 14<sup>th</sup> October 2017.
- ✂ Mr.G.Mohan Kumar, Mr.E.Naveen Prasath, Mr.R.R.Navaneetharaam and Mr.K.Shrikrishnan of final year went to Inplant Training in Bridge Stone India Automotive Products India Limited, Sriperumpudhur from 23<sup>rd</sup> November to 22<sup>nd</sup> December 2017.
- ✂ Mr.A.Jayakumar, Mr.K.Gopinath and Mr.R.Ranjith Kumar of final year went to one Week Internship in TVS Training and Service Private Limited, Chennai from 04<sup>th</sup> to 08<sup>th</sup> December 2017.
- ✂ Mr.K.Manikandan, Mr.M.Mohanraj, Mr.D.Shagul Hameed, Mr.B.Ranjith Kumar, Mr.P.Vigneshkumar Gnanadoss, Mr.B.Balaji, Mr.V.Kamalraj, Mr.N.Arunkumar, Mr.M.A.Mohammed Fahad, Mr.M.Arjunkumar, Mr.R.Dharma, Mr.K.Mohandoss, Mr.T.Govarthanan, Mr.S.Gokulakrishnan, Mr.S.Balakarthikeyan and Mr.S.Arulkumar of final year went to Inplant Training in E.I.D. Parry (India) Limited, Nellikuppam from 06<sup>th</sup> to 10<sup>th</sup> December 2017.
- ✂ Mr.R.Thirumalai, Mr.K.S.Naveenkumar and Mr.S.Vignesh of final year went to Inplant Training on “Employability

Skill Enhancement” in Renault Nissan from 08<sup>th</sup> to 19<sup>th</sup> December 2017.

## **Department of Electrical & Electronics Engineering**

### **Association (ASCOPE) Activities:**

- ✂ ASCOPE in association with ISTE and Career Guidance Bureau organized Inauguration of Association Activities for the year 2017-18 and a Guest Lecture on “Recent Trends in Electrical and Electronics Engineering”, by Er.J.Viswanatha, Senior Core Research Group Engineer, Prolific Systems & Technologies Pvt. Ltd, Chennai on 25<sup>th</sup> July 2017.
- ✂ ASCOPE in association with ISTE and Career Guidance Bureau organized Internal Paper Presentation contest on 14<sup>th</sup> February 2018. Prof. P. Manikannan, Head of the Department of Electrical and Electronics Engineering, AKT Memorial College of Engineering and Technology, Kallakurichi inaugurated the event and evaluated the papers presented.
- ✂ ASCOPE in association with ISTE and Career Guidance Bureau organized workshop on “PLC and SCADA based Industrial Automation” from 5<sup>th</sup> to 9<sup>th</sup> March 2018 and was conducted by Mr. R. Ajith and Mr. Balaji Gunasekar, Trainers, Axis Global Automation group of Companies, Coimbatore.
- ✂ ASCOPE in association with ISTE and Career Guidance Bureau organized Skill Development & Value added Courses, conducted by Dr.S.Sakthivel, Professor in Department of Electrical and Electronics Engineering on “House Wiring” from 22<sup>nd</sup> to 24<sup>th</sup> January 2018, “Motor Rewinding” from 12<sup>th</sup> to 14<sup>th</sup> February 2018 and “Substation Layout” from 19<sup>th</sup> to 21<sup>th</sup> February 2018.

### **Faculty Activities:**

#### **FDP/Workshop/Seminar participations:**

- ✂ Mr.S.Arunpandiyan, Mr.M.B.Annadurai and Mr.V.Elamsraj, Assistant Professors attended National level workshop on “Crio for Renewable Energy Applications (CRIOREA’17)” at Annamalai University during 2<sup>nd</sup> and 3<sup>rd</sup> December 2017.
- ✂ Ms.S.Thanga Renuga Devi, Assistant Professor attended two days National level seminar on “Challenges of Optimization Algorithms on Solving and Modeling of Real time & Off Line Engineering Problems” at IFET College of Engineering during 7<sup>th</sup> and 8<sup>th</sup> December 2017.
- ✂ Ms.G.Gaja and Ms.Sandhiya Vinayagam, Assistant Professors attended one week Faculty Development Training Program on “EC8251 : Circuit Analysis” at University College of Engineering, Villupuram from 1<sup>st</sup> to 7<sup>th</sup> December 2017.
- ✂ Mr.B.Rajan, Assistant Professor attended Short Term Course on “Nascent Generation and Distribution Technologies and Potential Research Problems in Power Systems” at Pondicherry Engineering College from 4<sup>th</sup> to 8<sup>th</sup> December 2017.
- ✂ Dr.S. Sakthivel, Professor and Mr.S.Manimaran, Assistant



Professor attended Workshop on “MQTT with Wireless Controllers” at Dreamer India Innovations, Villupuram during 13<sup>th</sup> and 14<sup>th</sup> December 2017.

### **Students Activities:**

#### **Project Contests / Paper Presentations:**

- ✂ Mr.S.Raguraj and Mr.C.Srivishnu Ramachandran of final year presented a paper on “ATM Security & Safety”, Mr.S.Kaviyarasan of final year presented a paper on “Harmonic Distortion in Microgrids and Distribution System with Photo Voltaic Generator”, Mr.S.Sabanayagam and Mr.S.Santhosh Kumar of final year presented a paper on “New Control of PV Solar farm as STATCOM for Increasing Grid Power Transmission lines during Night and Day” and Mr.P.Sandeep Kumar and Mr.V.Thamizharasan of final year presented a paper on “Future in Power System” in National level technical symposium at University College of Engineering, Panruti on 27<sup>th</sup> September 2017.
- ✂ Mr.K.Ramjagdeesh of second year participated and won second prize in “Circuit Debugging Event” and “Technical Quiz Event”, Mr. M. Karthick Raja and Mr.S. Kathiravan of second year presented a paper on “Hybrid Electricity Generation Combining Wind and Solar Power”, Ms.M.Vijayalakshmi and Ms.S.Sivapriya of third year presented a paper on “Real Time Embedded Health Monitoring using Li-Fi Technology”, Mr.M.Ramkumar and Mr.G.Subash of third year presented a paper on “A Solar Panel Automatic Tracking System using PLC & SCADA” and Ms.K.Santhiya and Ms.M.Bakkiyalakshmi of third year presented a paper on “A Solution to Remote Detection of Illegal Electricity using Via Power Line Communication” in National level technical symposium at M.R.K Institute of Technology on 8<sup>th</sup> February 2018.
- ✂ Ms.K.Santhiya and Ms.M.Bakkiyalakshmi of third year presented a paper on “Power Theft Detection” and won first prize, Mr.K.Ramjagdeesh and Mr.B.Kannan of second year presented a paper on “Brain Port Device” and won third prize, Ms.R.Kayalvizhi of final year participated and won second prize in “Technical Quiz Event”, Mr.S.Sabanayagam of final year participated and won second prize in “Circuit Debugging Event”, Ms.P.Parkavi and Ms.M.Poornima of second year presented a paper on “Enhancement of Power Quality using DSTATCOM”,



Ms.K.S.Monica and Ms.A.Keerathana of second year presented a paper on “Hybrid Electricity Generation Combining Wind and Solar Power”, Mr.Sabanayagam and Mr.A.Nisarudeen of final year presented a paper on “Recent Advances in HVDC Power Transmission System”, Mr.S.Kaviyarasan and Mr.E.Premkumar of final year presented a paper on “Recent Trends in Solar Power”, Ms.R.Kayalvizhi and Ms.J. Malathi of final year presented a paper on “Improvement of Power Quality using D-STATCOM”, Ms.P.Kalaivani and Ms.L.Narmatha of final year presented a paper on “Modelling of Sustainable Electric Motor for Electric Vehicle” and Ms.J.Nithya Kalyani and Ms.A.Raghunath of final year presented a paper on “Nano Technology” in National level technical symposium at Annai Teresa College of Engineering on 10<sup>th</sup> February 2018.

### **Conference Participations/ Paper Publications:**

✂ Mr.H.Ajithkumar, Mr.E.Premkumar, Mr.S.Sabanayagam and Mr. S. Santhoshkumar of final year presented a paper under the guidance of Mr.S.Arunpandiyan, Assistant Professor titled “Three Area Power System Load Frequency Control using Fuzzy Logic Controller”, Mr.V.Ajithkumar, Mr.S.Eniyavan and Mr.P.Srinivasan of final year presented a paper under the guidance of Ms.S.Thanga Renuga Devi, Assistant Professor titled “Real Time Monitoring Control and Protection of Industrial Process using IOT”, Mr.J.Appas, Mr.V.Balaji, Mr.A.Karthikeyan and Mr.R.Thamizhselvan of final year presented a paper under the guidance of Mr.M.B. Annadurai, Assistant Professor titled “Automatic Street Light Intensity Control using Arduino”, Mr.S.Augustin Silvester, Mr.V.Bharathi, Mr.M.Nagaraj and Mr.C.Srivishnu Ramachandran of final year presented a paper under the guidance of Mr.S.Manimaran, Assistant Professor titled “An Improved Bat Algorithm for the Solution of Congestion Management under Deregulated Environment”, Mr.K.Ayyappan, Mr.A.Bharath, Mr.S.Rabin and Mr.S.Raguraj of final year presented a paper under the guidance of Mr.B.Rajan, Assistant Professor titled “A Highly Efficient and Reliable Inverter Configuration based Cascaded Multilevel Inverter for PV Systems”, Mr.P.Bakkiyaraj, Mr.G.Kalidasan, Mr.A.Nisarudeen and Mr.D.Suriya Kumar of final year presented a paper under the guidance of Ms. G.Gaja, Assistant Professor titled “Design of Tele-Robotic System Based on Virtual Reality”, Mr.S.Kaviyarasan, Mr.D.Manibalan and Mr.P.Sandeep Kumar of final year presented a paper under the guidance of Dr. S. Sakthivel, Professor titled “Hybrid Big Bang-Big Crunch Algorithm for Solving Optimal Reactive Power Dispatch Problem”, Mr.J.Baskar, Mr.G.Prasanth, Mr.G.Saravanan and Mr.R.Sivakumar of final year presented a paper under the guidance of Mr.R.Vimal Prakash, Assistant Professor titled “An AC-DC LED Driver with a Two Parallel Inverted Buck

Topology for Reducing the Light Flicker in Lighting Applications to Low-Risk Levels”, Ms.R.Kayalvizhi, Ms.J.Nithya Kalayani and Ms.V.Nisha of final year presented a paper under the guidance of Dr.S.Sakthivel, Professor titled “Whale Optimization Algorithm for Reactive Power Planning”, Ms.P.Kalaivani, Ms.J.Malathi, Ms.L.Narmatha and Mr.R.Neppoliyan of final year presented a paper under the guidance of Ms.Sandhiya Vinayagam, Assistant Professor titled “Design and Analysis of Electric Field Distribution of Composite Insulators using FEM”, and Mr.A.Ragunath, Mr.E.Surya, Mr.V.Thamizharasan and Mr. T.Vikramraja of final year presented a paper under the guidance of Mr.V.Elamsraj, Assistant Professor titled “Android Based Automatic Smart Wheel Chair Controlled for Physically Challenged Person” in the International Conference on Modern Research in Engineering Science and Technology (ICMREST - 2018) at our College on 7<sup>th</sup> April 2018.

✂ Ms.W.Priya of second year M.E. (Embedded System and Technologies) published a paper under the guidance of Mr. S. Arunpandiyan, Assistant Professor, titled “Design and Implementation of Blood Bank Monitoring System Using ATMEGA 328” in International Research Journal in Advanced Engineering and Technology (IRJAET), E-ISSN: 2454-4752 P-ISSN : 2454-4744, Volume-4, Issue 3 (2018), Pages: 3596 – 3600, 20<sup>th</sup> May 2018.

✂ Mr.D.Sathish Muthukumar of second year M.E. (Embedded System and Technologies) published a paper under the guidance of Mr.M.B. Annadurai, Assistant Professor, titled “Low Cost Anesthesia Injector Based on ATMEGA 32” in International Research Journal in Advanced Engineering and Technology (IRJAET), E - ISSN: 2454-4752 P - ISSN: 2454-4744, Volume-4, Issue 3 (2018), Pages: 3601 – 3605, 20<sup>th</sup> May 2018.

### **Implant Training:**

✂ Mr.G.Dharmaraj and Mr.N.Mugilvannan of second year attended implant training on “Sensors and Industrial Automation” at TCIL-IT Computer Education & Training Centre, Puducherry from 6<sup>th</sup> to 8<sup>th</sup> December 2017.

✂ Mr.M.Karthikraja, Mr.S.Kathiravan, Ms.A.Keerthana, Ms.K.S.Monica, Mr.D.Neelakandan, Ms.P.Parkavi, Ms.M.Poornima, Mr.S.Sarathkumar and Mr.D.Surendar of second year attended implant training on “MQTT with Wireless Controllers” at DreamerIndia Innovations Villupuram during 15<sup>th</sup> and 16<sup>th</sup> December 2017.

✂ Ms.V.Archana, Mrs.M.Bakkiyalakshmi, Ms.K.Kathun Bee, Ms.S.Ramanaeswari, Ms.K.Santhiya, Ms.S.Sivapriya, Ms.R.Suriya, Ms.M.Vijayalakshmi, Ms.B.Madhumitha and Ms.R.Vinitha of third year underwent implant training from 4<sup>th</sup> to 9<sup>th</sup> December 2017 in E.I.D Parry (India) Limited.

✂ Mr.M.Yuvaraj, Mr.J.Jayakumar and Mr.P.Manikandan of third year underwent implant training from 11<sup>th</sup> to 15<sup>th</sup> December 2017 in 230 KV Auto Sub-Station, Villupuram.



- ☞ Mr.R.M.Arun, Mr.S.Deepak, Mr.A.M.Murugan, Mr.R.Mohankumar, Mr.K.Ajithkumar and Mr.V.Durairaj of third year underwent inplant training from 27<sup>th</sup> to 30<sup>th</sup> November 2017 in Aruna Electricals, Puducherry.

#### **Internship Program:**

- ☞ Mr.A.Nisarudeen, Mr.T.Vikram Raja, Mr.V.Ajithkumar, Mr.S.Rabin, Mr.G.Saravanan, Mr.C.Srivishnu Ramachandran, Mr.D.Suriya Kumar, Mr.V.Balaji, Mr.S.Eniyavan, Mr.P.Srinivasan and Mr.A.Raghunath of final year attended internship program from 7<sup>th</sup> to 31<sup>st</sup> December 2017 in Lenovo, Pondicherry.
- ☞ Mr.S.Raguraj, Mr.H.Ajithkumar, Mr.S.Kaviyarasan, Mr.S.Sabanayagam, Mr.R.Sivakumar and Mr.S.Santhosh Kumar of final year attended internship program from 11<sup>th</sup> to 13<sup>th</sup> December 2017 in Vertex Pvt. Ltd, Chennai.

#### **Industrial Visit:**

- ☞ Mr.S.Arunpandian and Ms.A.Elizabeth, Assistant Professors guided final year students to visit Central Power Research Institute and S.M. Electronic Technology, Eyyani Electric Machine Pvt. Ltd., Vivekanand Electrical Industrial Pvt. Ltd., HHV Solar Technology Pvt. Ltd. and Centum Electronics Pvt. Ltd. in Bangalore from 10<sup>th</sup> to 12<sup>th</sup> August 2017.
- ☞ Mr.S.Manimaran and Ms. S.Thanga Renuga Devi, Assistant Professors guided third year students to visit Padmavahini Transformers Pvt. Ltd. and Axis Global Automation Group of Companies in Coimbatore on 10<sup>th</sup> August 2017 and Orion Hardware Design Pvt. Ltd., Electrical & Allied Engineering Co. Ltd. and Transformers and Electricals Kerala Ltd. in Kerala during 11<sup>th</sup> and 12<sup>th</sup> August 2017.
- ☞ Dr.S.Sakthivel, Professor and Ms.G.Gaja, Assistant Professor guided second year students to visit Padmavahini Transformers Pvt. Ltd., Aveon Infotech Pvt. Ltd., Axis Global Automation Group of Companies, Salzer Electronics Limited and C.R.I. Pumps Pvt. Ltd. in Coimbatore on during 10<sup>th</sup> and 11<sup>th</sup> August 2017 and Aavin Nilgiris District Co-Operative Milk Ltd. in Ooty on 12<sup>th</sup> August 2017.

#### **Department of Electronics and Communication Engineering**

##### **Association (ELCENA) Activities:**

- ☞ ELCENA in association with ISTE and Career Guidance Bureau organized ELCENA Inauguration - 2017 on 12<sup>th</sup> July

2017. Mr.R.Anantharaman, Associate Director & Head, South India Operations, Prolific Systems & Technologies Pvt. Ltd., Chennai, inaugurated the event and presented a seminar on “Recent Trends in Industrial Automation”.

- ☞ ELCENA in association with ISTE and Career Guidance Bureau organized one day internal paper presentation contest on 29<sup>th</sup> January 2018. Dr.H.Abdul Gaffer, Assistant Professor (Sr. Grade), Department of Computer Science and Engineering, VIT University, Vellore inaugurated the event and evaluated the papers presented.

##### **Faculty Pursuing Higher Studies:**

- ☞ Mrs.S.Jaya, Professors had been awarded Ph.D., in Annamalai University.
- ☞ Mr.R.Balasubramaniyan, Associate Professor and Mr.P.Paruthi Ilam Vazhuthi, Assistant Professor are pursuing Ph.D., in Anna University.

##### **Conference Presentation / Workshop Participation:**

- ☞ Mr.G.Sadiq Basha, Associate Professor, Mr.S.Parthiban and Mrs.T.Priyadarshini, Assistant Professors attended IEEE sponsored one day National level workshop on “Electromagnetic and RF Communication” conducted by LOYOLA - ICAM College of Engineering and Technology, Chennai on 25<sup>th</sup> September 2017.
- ☞ Mr.V.Thiyagarajan, Associate Professor attended IETE sponsored one day National level workshop on “Smith chart Practice for RF amplifier and Matching Network Design” conducted by K.Ramakrishnan College of Technology, Trichy on 27<sup>th</sup> September 2017.
- ☞ Ms.S.Jayalilly, Mrs.V.Gandhimathi and Mrs.P.Sujatha, Associate Professors attended TEQIP-III sponsored one day National level workshop on “System Identification” conducted by Pondicherry Engineering College on 13<sup>th</sup> October 2017.
- ☞ Ms.L.Megala, Assistant Professor attended one day National level workshop on “Graphical System Design in Engineering Applications using LabVIEW” conducted by A.V.C. College of Engineering, Mayiladuthurai on 22<sup>nd</sup> November 2017.
- ☞ Mrs.S.Jaya, Professor attended one day workshop on “Advances in Antenna Theory and Design” organized by LOYOLA-ICAM College of Engineering and Technology, Chennai on 16<sup>th</sup> December 2017.
- ☞ Mr.R.Balasubramaniyan, Associate Professor presented a paper titled “Performance Evaluation of an Improved Cluster based Routing Protocol for MANET with Efficient Weighted Clustering and Twin Cluster Heads” in International Conference at Kingston Engineering College, Vellore on 23<sup>rd</sup> and 24<sup>th</sup> March 2018.
- ☞ Mr.V.Thiyagarajan, Associate Professor presented a paper titled “Design of a PCM based CAM (Content Addressable Memory) Cell”, Ms.S.Jayalilly, Associate Professor presented a paper titled “Design and Implementation of Automatic Multipurpose AGRIBOT to Help Farming”, Mr.S.Parthiban, Mr.P.Paruthi ilamvazhuthi and



Mrs.T.Priyadarshini , Assistant Professors presented a paper titled “TINYOS - based Application Implementations and Media Data Transfer Analysis for Sensor Networks”, Mr.R.Balasubramaniyan , Associate Professor presented a paper titled “The Challenges and Strategies of Making Smart Cities in India” and Dr. S.Jaya , Professor presented a paper titled “Performance of Boat optimization Algorithm in Multi objective Optimal Reactive Power Dispatch Problem” in International Conference on Modern Research in Engineering Science and Technology ICMREST – 2018 at our college on 07<sup>th</sup> April 2018.

- ✂ Mr.G.Sadiq Basha and Mr.V.Thiyagarajan, Associate Professors & Mr.S.Parthiban and Mrs.T.Priyadarshini, Assistant Professors attended IEEE sponsored one day National level seminar on “Advanced Topics in Antenna Design and Measurements” conducted by K.Ramakrishnan College of Technology, Trichy on 27<sup>th</sup> April 2018.
- ✂ Mr.P.Paruthi Ilam vazhuthi, Assistant Professor attended two days National level workshop on “Hands on Training in SDR Platform and IoT Based Wireless Sensor Networks” conducted by St.Joseph's Institute of Technology, Chennai on 29<sup>th</sup> and 30<sup>th</sup> May 2018.

#### **Publications:**

- ✂ Mr.G.Sadiq Basha and Mr.V.Thiyagarajan, Associate Professors published a research paper on “RSSI based Implementation of Smart Tollgate Automation” in International Research Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Volume 6, Issue 12, December 2017.
- ✂ Ms.L.Megala, Assistant Professor published a research paper on “Detection and Identification of Coloured Fruits and Vegetables using OTSU type segmentation” in International Journal of Advanced Research Trends in Engineering and Technology (IJARTET), Volume 4, Issue 12, December 2017.
- ✂ Dr.S.Jaya, Professor published a book titled “Wireless Communication” in Lakshmi Publications (3<sup>rd</sup> Edition)” December 2017.
- ✂ Mr.R.Balasubramaniyan, Associate Professor published a research paper on “Smart Energy Conscious Cluster Based Routing Protocol Involving Mobility Prediction for Mobile Adhoc Networks” in Perspectivas em ciencia da Informacao (ISSN: 1413 – 9936), (Annexure -1) Volume 22, sp.4, p61, Nov. /Dec. 2017.

#### **Guest Lectures:**

- ✂ Mrs.P.Sujatha, Associate Professor delivered a guest lecture on “Recent Trends in Medical Electronics” and Mrs.V.Gandhimathi, Associate Professor delivered a guest lecture on “Basics of Electronic Devices and Circuits” at A.M.K. Polytechnic College, Chennai on 27<sup>th</sup> December 2017.
- ✂ Mr.V.Thiyagarajan, Associate Professor delivered a guest lecture on “Linear Integrated Circuit” at Sri Venkateswara Polytechnic College, Vellore on 15<sup>th</sup> December 2017.



#### **Students Activities:**

##### **Prizes and Awards:**

- ✂ Ms.M.Yogalakshmi and Ms.K.Subasri of final year won second prizes for “Paper presentation”, “Circuit Debugging” and “Quiz” in National level technical symposium at Bharathiyar Institute of Engineering for Women, Deviyakurichi on 22<sup>nd</sup> of September 2017.
- ✂ Ms.S.Aayisa Banu of third year won first prize for the event “Circuit Debugging” in National level technical symposium at Idhaya Engineering College for Women, Chinnasalam on 23<sup>rd</sup> September 2017.
- ✂ Mr.K.Vinoth Kumar and Mr.M.Vikraman of final year won second prize for the event “Fun gaming”, Mr.J.Bharath of final year won second prize for the event “Circuit Debugging”, Ms.E.Vanaja and Mrs.K.Jayanthi of final year won second prize for paper presentation on “Emotion Recognition based on GSR ” in National level technical symposium at C.K. College of Engineering and Technology, Cuddalore on 04<sup>th</sup> October 2017.
- ✂ Ms.M.Yogalakshmi and Ms.K.Subasri of final year won first prize for a paper titled “ Vision possible for visually challenged using visual prosthesis.” and Ms. J. Jeeva and Ms. D. Jayasuriya of third year won second prize for a paper titled “A promising Energy solution using Nanotechnology” in Internal Paper presentation contest held at V.R.S. College of Engineering and Technology on 29<sup>th</sup> January 2018.
- ✂ Ms. M.Keerthana and Ms. A.Nilofarnisha of third year won first prize for a paper titled “ NANO Tree with Sun Tracking Nano Leaves ”, Ms.D.Vishnupriya and Ms.S.AayisaBanu, Ms.L.Sasina and Ms.P.Varalakshmi, Ms.R.Abirami and Ms.P.Kirubadevi of third year ECE students won first, second and third prizes respectively in “ Circuit Debugging”, Ms.V.Esaiyazhini and Ms.A.Yogenthira Priyadharshika of third year ECE students won third prize in “Quiz” in National level Technical Symposium held at MRK Institute of Engineering & Technology, Kattumannarkoil on 8<sup>th</sup> February 2018.
- ✂ Ms.D.Radhika and Ms.Bothana Bhuvanewari of final year won third prize for a paper titled “Alive human detection in Rescue operations” and Mr.G.D. Arunkumar of third year won first prize in “ Circuit Debugging” and “Technical Quiz” in one day National level technical symposium held

at Annai Teresa College of Engineering, Thirunavalur on 10<sup>th</sup> March 2018.

- ✂ Mr.G.Ajith Kumar, Mr.J.Bharath and Mr.D.Roopachandran of final year won second prize for paper titled “Robotic dog for visually impaired people” in National level technical symposium at SKP Engineering College on 21<sup>st</sup> March 2018
- ✂ Ms.K.Jayanthi and Ms.M.Pavithra of final year won third prize for a paper titled “An electronic plant for monitoring and controlling of fish farming in pond”, Mr.D.Pushparaj of final year won first prize in “Circuit Debugging”, Mr.J.Bharath of final year won first prize in “Spot Event” and Mr.V.G. Prabu., Mr.D. Pushparaj, Mr. S.Karthikraj and Mr.K.Vinoth Kumar of final year won third prize for presented a project titled “Air quality monitoring and warning alert using moving robot” in National level technical symposium at A.K.T. Memorial College of Engineering & Technology on 22<sup>nd</sup> March 2018.
- ✂ Ms.L.Logajanani and Ms.S.Nithiya of final year won first prize for a project titled “Smart card based self ticketing & destination alert by scanning welcome board” in National level technical symposium at Alpha College of Engineering and Technology on 24<sup>th</sup> March 2018.

#### **Publications:**

- ✂ Ms.M.Radhika and Ms.N.Priya of final year published a research paper under the guidance of Mrs.V.Gandhimathi, Associate Professor, titled “Coexistence of WiFi and LiFi towards 5G:Concepts,Opportunities and Challenges” in International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Volume 6, Issue 12, December 2017.

#### **Conference Presentation / Workshop Participation:**

- ✂ Mr.K.Vinothkumar, Mr.G.Ajithkumar, Mr.A.Sankar, Mr.S.Raja, Mr.V.G.Prabu and Mr.J.Bharath of final year participated IEEE sponsored one day workshop titled “IOT based Machine to Machine Communication using ESP8266” at M.Kumarasamy College of Engineering, Karur on 27<sup>th</sup> September 2017.
- ✂ Mr.D.Pushparaj of final year attended a workshop on “AMI E-tap simulation and smart grid” and “Latest trends and technologies in communication” at University College of Engineering, Villupuram on 02<sup>nd</sup> February 2018 and 01<sup>st</sup> March 2018 respectively.
- ✂ Ms.A.Nilofarnisha and Ms.M.Keerthana of third year presented a paper entitled “Multi-Role Unmanned Ground Vehicle for Rescue and Defense Application” under the guidance of Mr.V.Thiyagarajan, Associate Professor in the ISTE Sponsored National level conference on Research and Development in Science, Engineering and Technology conducted by St.Anne's College of Engineering and Technology on 23<sup>rd</sup> March 2018.
- ✂ Ms.M.Radhika and Ms.C.Subasri of final year presented a paper titled “Density based Traffic Control Signal with Remote Override in Emergency & Security Boom Barrier”

and Ms.B.Sholiya. of final year presented a paper titled “Automatic & Advanced Driver Safety Awareness & Assistance System for Cognitive Vehicle Control” under the guidance of Mr.G.Sadiq Basha, Associate Professor, Mr.A.Shaik Anis of final year presented a paper titled “Automatic Agri Robot IoT with Agriculture Data Sharing system for Farmer” and Mrs.J.Sathiya Priya, Ms.S.Sivaranjini and Ms.T.Sangeetha of final year presented a paper titled “A Wireless Continuous Patient Monitoring System for Dengue using – WiMon” under the guidance of Mrs.V.Gandhimathi, Associate Professor, Mr.D. Ranjith, Mr.C.Santhoshraj and Mr.M.Rajadurai of final year presented a paper titled “Early Detection and Prevention of Diabetic Neuropathy using Motion Sensing Shoes”, Ms. S. Radhika of final year presented a paper titled “Vision based Approach for Gesture Recognition in Real Time Application”, Ms.J.Lalitha Malhothra of final year presented a paper titled “A Safety enhanced Guiding System for the Vision Impaired Individual with VLC” under the guidance of Mr.S.Parthiban, Assistant Professor, Ms.S.Rasithadevi, Ms.A.Reshma and Ms.E.Vanaja of final year presented a paper titled “Hidden Camera Destroyer using Electro-Magnetic Pulse” and Mr.M.Vikraman, Mr.A.Sankar and Mr.S.Raja of final year presented a paper titled “Capacitive Power Transfer based Wireless Electric Vehicle Charging” under the guidance of Mr.V.Thiyagarajan, Associate Professor at the International Conference on Modern Research in Engineering Science and Technology (ICMREST – 2018) conducted at our college on 7<sup>th</sup> April 2018.

#### **Paper Presentation:**

- ✂ Ms.B.Rathna and Ms.C.Subasri of final year presented the paper titled “Cancer Treatment using Nanorobots”, Ms.B.Sholiya and Ms.M.Radhika of final year presented the paper titled “Embedded Control System for Powered Leg Exoskeleton”, Ms.S.Radhika and Ms.K.Yogeshwari of final year presented the paper titled “Smart ATM centre Bring Cash and Card Retrieval”, Ms.L.Sasina and Ms.S.Aayisha banu of third year presented the paper titled “e-Bin: an Automated Food Wastage Tracking System for Students’ Mess”, Ms.J.Jeeva and Ms.D.Jayasuriya of third year presented the paper titled “Real Time Application of Robots for Smart Crop Cultivation in Rural Community Environment” and Ms.M.Keerthana and Ms.A.Nilofarnisha of third year presented the paper titled “An IoT based Smart home using Android” in National level technical symposium conducted at Bharathiyar Institute of Engineering for Women, Salem, on 22<sup>nd</sup> September 2017.
- ✂ Ms.D.Radhika and Ms.Z.Fathima of final year presented the paper titled “Virtual Mouse Implementation using RGB Color Tapes”, Ms.L.Sasina and Ms.S.Aayisha banu of the third year presented the paper titled “WSN controlled Smart Green House Insects Monitoring through Image Processing



using Python”, Mr.D.Pushparaj of final year presented the paper titled “ Design Optimization of Wireless Power Monitoring System in Industry” and Ms.P.Bodhana Bhuvaneshwari, Ms.P.Divya and Ms.D.Maheshwari of final year presented the paper titled “Eye Tracking based Virtual Keyboard for Disabled People” in National level technical symposium conducted at Idhaya Engineering College for Women, Chinnasalem on 23<sup>rd</sup> September 2017.

- ⌘ Mr.D.Pushparaj of final year presented the paper titled “Wireless Monitoring System in Industry using ARM Processor”, Ms.A.Nilofarnisha and Ms.M.Keerthana of the third year presented the paper titled “Tracking the sun: Dual Axis Solar Tracker System” and Ms.L.Sasina and Ms.P.Varalakshmi of third year presented the paper titled “Intelligent Smart Home Automation and Security using Arduino & WiFi” in National level technical symposium at C.K. College of Engineering and Technology, Cuddalore on 04<sup>th</sup> October 2017.
- ⌘ Ms.P.Kirubadevi and Ms.R.Abirami of third year presented a paper titled “Characterization of Human Body based on Thermal & Vibration Energy Harvesting for Wearable Devices”, Ms.J.Jeeva of third year presented a paper titled “Border Security System using Raspberry to avoid Cross Border Detection”, Ms.L.Sasina and Ms.P.Varalakshmi of third year presented a paper titled “Low-cost Wireless Monitoring & Decision Support for Water Saving in Agriculture”, Ms.P.Ramyakrishnan and Ms.M.Deepika of third year presented a paper titled “Improving Smart Home Security: Integrating Logical Sensing into Smart Home”, Ms.D.Vishnupriya and Ms.S.Aayisha Banu of third year presented a paper titled “Wireless Body Area Networks towards IoT connected Health Care Application” in National level technical symposium at MRK Institute of Technology on 8<sup>th</sup> February 2018.
- ⌘ Ms.C.Subasri of final year presented a paper titled “Destiny based Traffic Control Signal with Remote Override in Emergency Vehicles & Security Retractable Bollards” in National level technical symposium at C.K. College of Engineering and Technology on 1<sup>st</sup> March 2018.
- ⌘ Mr.G.D. Arunkumar of third year presented a paper titled “Wireless Body Area Network based Medical Applications”, Ms.B.Sholiya and Ms.B.Rathna of final year presented a paper titled “Automatic & Advanced Driver Safety Awareness & Assistance system for Cognitive Vehicle Control” in one day National level technical symposium held at Annai Teresa College of Engineering on 10<sup>th</sup> March 2018.
- ⌘ Ms.J.Lalitha Malhothra of final year presented a paper titled “A Safety Guiding System for the Vision Impaired Individual with Android” in National level technical symposium at A.K.T. Memorial College of Engineering and Technology on 22<sup>nd</sup> March 2018.
- ⌘ Mr.M.Vikraman of final year presented a paper titled

“Capacitive Power Transfer based Wireless Electric Vehicle Charging” in one day National level technical symposium at ALPHA College of Engineering and Technology on 24<sup>th</sup> March 2018.

### **Project Expo:**

- ⌘ Ms.A.Reshma, Ms.S.Rashithadevi and Mr.K.Vinothkumar of final year presented the project titled “Home Automation Using GSM Module”, Mr.D.Pushparaj, Mr.J.Bharath and Ms.S.Radhika of final year presented a project titled “Assistant Librarian using Robots” in National level Project Contest at Sri Manakula Vinayagar Engineering College, Puducherry on 15<sup>th</sup> September 2017.
- ⌘ Ms.K.Jayanthi of the final year presented the project titled “6 Channel TV Remote Controlled Applications” in National level technical symposium at University College of Engineering, Cuddalore on 04<sup>th</sup> October 2017.
- ⌘ Mr.G.Ajithkumar, Mr.K.Vinothkumar, Mr.M.Vikraman and Mr.A.Shaik Anis of final year presented the project titled “Intelligent Target Locator”, Ms.S.Sivaranjani, Ms.M.Pavithra and Ms.V.Priyanka of final year presented the project titled “TV Remote Controller for Electronic Applications” and Ms.A.Nilofarnisha and Ms.M.Keerthana of the third year presented the project titled “Air Pollution Meter with Digital Dashboard” in National level technical symposium at C.K. College of Engineering and Technology, Cuddalore on 04<sup>th</sup> October 2017.
- ⌘ Ms.R.Abirami and Ms.A.Anjana of third year presented a project on “Air Quality Monitoring System based on Arduino Microcontroller” in National level project expo held at IFET College of Engineering on 3<sup>rd</sup> February 2018.
- ⌘ Mr.M.Vikraman, Mr.D.Ranjith and Mr.S.Raja of final year presented a project on “Wireless Electronic Vehicle Charging via Capacitor”, Mr. Shaik Anish of final year presented a project titled “Automatic Agri ROBOT with IOT Intelligence” in National level project expo held at SKP Engineering College on 21<sup>st</sup> March 2018.
- ⌘ Mr.M.Rajadurai, Mr.D.Ranjith and Mr.C.SanthoshRaj of final year presented a project on “Smart Shoes for Diabetic Neuropathy”, Mrs.K.Jayanthi and Ms.M.Pavithra of final year presented a project on “An Electronic Plant for Monitoring and Controlling of Fish Farming in Pond” in National level technical symposium at A.K.T. Memorial College of Engineering and Technology on 22<sup>nd</sup> March 2018.

### **Industrial Visit:**

- ⌘ Mr.V.Thiyagarajan and Mrs.P.Sujatha, Associate Professors guided third year and second year students to visit Mighty Electronics Equipment Corporation, Ampere Vehicles Pvt. Ltd., in Coimbatore and HYKON Power Electronics (P) Ltd., in Thrissur, Blue Apple Technologies Pvt. Ltd., Cochin from 10<sup>th</sup> to 12<sup>th</sup> August 2017.
- ⌘ Mr.S.Parthiban and Mrs.T.Priyadarshini, Assistant Professors guided final year students to visit Kodaikanal FM

station, Sudharshan Industries and Rectifiers Electronics in Kodaikanal, S.S. Electronics, Vee Eee Technologies Solution Pvt. Ltd., Jothi Electronic Industries and I-grandee Software Technologies Private Limited in Madurai, Surabi Windfarms Technologies Pvt. Ltd. in Nagercoil from 10<sup>th</sup> to 12<sup>th</sup> August 2017.

### **Implant Training/ Internship:**

- ⌘ Mr.G.D.Arunkumar of the third year underwent internship in Embedded System Application Development at Uniq Technologies Private Limited, Chennai from 25<sup>th</sup> to 30<sup>th</sup> November 2017. Second year and Third year ECE students underwent Inplant training “Sensors and Industrial Automation” at TCIL-IT, Computer Education & Training Centre, Puducherry from 6<sup>th</sup> to 8<sup>th</sup> December 2017.
- ⌘ Ms.C.Subasri, Ms.M.Yogalakshmi, Ms.B.Sholiya, Ms.K.Yogeshwari, Ms.B.Rathna, Ms.M.Radhika, Ms.J.Lalitha Malhothra, Mr.D.Ranjith, Mr.C.Santhoshraj, Mr.A.Sankar and Mr.A.Raja of final year underwent internship training program in Teslarzone, Automation Solutions, Puducherry from 15<sup>th</sup> to 18<sup>th</sup> December 2017.
- ⌘ Mr.K.Vinothkumar, Mr.D.Pushparaj, Mr.A.Anbarasan and Mr.S.Karthickraj of final year underwent an inplant training program in “Assembly and Testing Section” at Lenovo (India) Private Limited, Puducherry from 7<sup>th</sup> to 31<sup>st</sup> December 2017.

### **Department of Computer Science & Engineering:**

#### **Association (ASCOME) Activities:**

- ⌘ The Association of Computer Engineers (ASCOME) of Department of Computer Science and Engineering in association with Indian Society for Technical Education (ISTE) & Career Guidance Bureau organized Inauguration of the association activities (ASCOME - 2017) and one day seminar on “Disruptive Technologies”, presided by Mr.M.Chellamuthu, Vice President, Technology Services, Standard Chartered Global Business Services, Chennai on 05<sup>th</sup> August 2017.

#### **Staff Activities:**

#### **Faculty Pursuing Higher Studies:**

- ⌘ Mrs.J.K.Jothikalpana, Professor, Mr.M.BalaAnand and Mrs.G.Sumalatha, Assistant Professors are pursuing Ph.D. in Anna University.

#### **Book Publication:**

- ⌘ Mr.M.BalaAnand, Assistant Professor published a book on “Grid and Cloud Computing” with ISBN- 978-93-86770-03-5 by Kongunadu Publications India Pvt. Ltd.

#### **Guest Lecture:**

- ⌘ Mr.M.BalaAnand, Assistant Professor conducted 3 days intensive workshop on “Globus Toolkit, Open Nebula and Hadoop” at Tejaa Shakthi Institute of Technology for Women, Coimbatore from 06.07.2017 to 08.07.2017 and conducted a training program on “Grid and Cloud Computing lab” to iSeed Technologies, Tindivanam, Dr.Navalur Nedunchezhiyan College of Engineering and



Dr.Paul's Engineering College on 30.07.2017, 11.09.2017 and 18.09.2017 respectively.

- ⌘ Mr.M.BalaAnand, Assistant Professor trained MSIT Research and Development employees on “R and Apache Spark” at MSIT Research and Development, Coimbatore on 17<sup>th</sup> February 2018.

### **Workshop / Seminar / FDTP / Conference:**

- ⌘ Mr.M.BalaAnand, Assistant Professor participated in six days National level workshop on “Python Programming” at RVS College of Engineering and Technology, Coimbatore from 01.08.2017 to 06.08.2017, participated in five days AICTE-QIP sponsored workshop on “Challenges and Strategies on IOT” at Pondicherry Engineering College, from 27.11.2017 to 01.12.2017 and participated in five days GIAN course on “Big Data Analytics and Business Intelligence” at CEG campus, Anna University from 14<sup>th</sup> to 18<sup>th</sup> December 2017.
- ⌘ Mrs.J.K.Jothi Kalpana, Professor and Mr.N.Gobinathan, Assistant Professor participated in seven days Anna University sponsored Faculty Development Programme on “Computer Networks” at University College of Engineering, Tindivanam from 4<sup>th</sup> to 10<sup>th</sup> December 2017.
- ⌘ Mr.K.Ramesh, Mr.P.Manivannan and Mr.S.Balaji, Assistant Professors participated in two days hands-on workshop on “Python Programming” sponsored by Centre for Faculty Development organized by Centre for Academic Courses at College of Engineering, Guindy during 17<sup>th</sup> and 18<sup>th</sup> August 2017 and certified Experts by GUVI Geek Technologies, Chennai on 18<sup>th</sup> August 2017.
- ⌘ Mr.M.BalaAnand, Assistant Professor presented a paper in IEEE International Conference of Soft Computing and Network Security (ICSNS) on “Demonetization: A Visual Exploration and Pattern Identification of People Opinion on Tweets” at SNS College of Technology, Coimbatore on 14<sup>th</sup> to 16<sup>th</sup> February 2018.
- ⌘ Mrs.G.Sumalatha and Mr.S.Bharathiraja, Assistant Professors presented a paper titled “ A Detailed Critical Inspection on Real time Crowdsourcing” in the National conference, organized by CSI-KEC Student Branch, Kongu Engineering College, Perundurai held on 16<sup>th</sup> March, 2018.
- ⌘ Mr.N.Gobinathan, Assistant Professor attended FDP on “AICTE-ISTE sponsored Induction/Refresher Programme



on Big Data Technologies and Applications” at Annamalai University, Chidambaram from 21<sup>st</sup> to 26<sup>th</sup> May 2018.

### Paper Publication:

- ✂ Mr.M.BalaAnand, Assistant Professor published a research paper on “Farmbot - a Smart Agriculture Assistor using Internet of Things” in International Journal of Pure and Applied Mathematics (IJPAM) – Scopus Indexed - ISSN: 1314-3395 (on-line version), Volume 119, Issue 10, pages 557-566 on February 2018, “Early Detection and Prediction of Amblyopia by Predictive Analytics Using Apache Spark” in International Journal of Pure and Applied Mathematics (IJPAM) – Scopus Indexed - ISSN: 1314-3395 (on-line version), Volume 119, Issue 15, pages 3159-3171 on 16<sup>th</sup> June 2018, “BAU FAM: Biometric-Blacklisting Anonymous Users, Using Fictitious and Adroit Manager” in Scopus indexed Journal of Advanced Research in Dynamical and Control Systems (JARDCS), Volume 9, Issue 12, Page Number 722-738 and “An Accessible Scheme of Cryptographic Key Organization for Micro, Small and Medium Enterprises Application Prospectus View” in Scopus indexed Journal of Advanced Research in Dynamical and Control Systems (JARDCS), Volume 9, Issue 12, Page Number 738-749.

### Knowledge sharing:

- ✂ Mr.V.Vinothraj, Assistant Professor presented a knowledge sharing seminar on “IBM-DB2” at our college on 27<sup>th</sup> December 2017.
- ✂ Mrs.C.Leena and Mr.N.Gobinathan, Assistant Professors presented a knowledge sharing seminar on “Data Warehousing and Basics of R language” at our college on 03<sup>rd</sup> January 2018.
- ✂ Mr.K.Ramesh and Mr.P.Manivannan, Assistant Professors presented a knowledge sharing seminar on “Python Programming” at our college on 10<sup>th</sup> January 2018.

### Students Activities:

#### Awards and Prizes:

- ✂ Mr.T.Sureshkumar and Mr.R.Sathish of final year have recieved ₹.10,000 fund from TNSCST for the project titled “3PS Game Template for Mobile Platform”; the same project won first prize in Mini Project contest and second prize in Major Project contest & Internal paper presentation under the guidance of Mr.K.Ramesh and Mr.N.Gobinathan, Assistant Professors.
- ✂ Ms.S.Sangeetha of final year has been adjudged as the Best All Rounder of 2018 in our college and she was also awarded as “ISTE Best Student Award” in ISTE Tamilnadu and Pondicherry Section held at Tagore Engineering College Chennai on 10<sup>th</sup> April, 2018.
- ✂ Ms.S.Sangeetha, Ms.A.Rishiya and Ms.S.Kavitha of final year got first and second prize in Major and Mini Project Contest'18 titled "Early Detection of Amblyopia by Predictive Analysis" under the guidance of Mr.M.BalaAnand at our college on 3<sup>rd</sup> March, 2018.
- ✂ Ms.A.Iswarya and Ms.S.Srimathi of final year won first



prize for the paper titled “Home Automation System using IOT” under the guidance of Mr.P.Karunanidhi, Professor and Mr.P.Manivannan, Assistant Professor and Mr.Muralitharan of second year won second prize for the paper titled “Low power high performance of IOT” in Internal Paper Presentation at our college on 23<sup>rd</sup> February 2018.

### Paper Presentation:

- ✂ Mr.R.Madhan Kumar and Mr.M.Sridhar of second year, presented a paper titled “Early detection using Amlophiya” in National level technical symposium organized by Department of Computer Science of Engineering at DMI College of Engineering, Chennai on 23<sup>rd</sup> September 2017.
- ✂ Ms.S.Sangeetha and Ms.S.Kavitha of final year presented a paper titled “Demonetization: A Visual Exploration and Pattern Identification of People opinion on Tweets” under the guidance of Mrs.A.NiranjanaDevi, Professor and Mr.M.BalaAnand Assistant Professor, Mr.T.Sureshkumar and Mr.R.Sathish of final year presented a paper titled “3PS Game Template for Mobile Platform” under the guidance of Mr.K.Ramesh and Mr.N.Gobinathan Assistant Professors, Mr.P.Gurunathan, Mr.V.Nixon and Mr.M.Sachin Divagar of final year presented a paper titled “Intellectual Analysis of Students Automatic Attendance and Listening Capability Testing by using Data Mining and Pattern Matching” under the guidance of Mrs.J.K.Jothi Kalpana, Professor and Mr.C.Leena, Assistant Professor, Ms.A.Iswarya and Ms.S.Srimathi of final year presented a paper titled “Home Automation System using IOT” under the guidance of Mr.P.Karunanidhi, Professor and Mr.P.Manivannan, Assistant Professor, Ms. Jenifer, Ms.Rishya and Ms. Meena of Final year presented a paper titled “Smart Wearable Integrated with Intelligent Vehicle” and Ms.A.Srividhya, Ms.S.Susmitha and Ms.K.Kavitha of final year presented a paper in the International Conference on Modern Research in Engineering Science and Technology-ICMREST-2018 held on 7<sup>th</sup> April, 2018 at our college.

### Implant Training/ Internship Training:

- ✂ Ms.M.Monisha, Mr.S.Ragavendran, Mr.K.Gopalakrishnan, Mr.R.Sangeetha, Ms.M.Paravathi, Mr.B.Akash and Mr.A.Abisheak of third year attended In-plant training on “Mobile Application Development” trained by CloudLogic Technologies Pvt. Ltd., Puducherry from 1<sup>st</sup> to 4<sup>th</sup> December

2017.

- Ms.R.Indhumathi, Ms.G.Bagyalakshmi, Ms.P.Jaya Preetha, Mrs.J.Rajasri, Ms.R.Nalini and Ms.S.Varalakshmi, Ms.J.Thillaiarasi and Ms.M.Malathi of third year, attended in-plant training on “Java and DOTNET” at JP Infotech, Puducherry from 4<sup>th</sup> to 6<sup>th</sup> December 2017.
- Ms.S.Sangeetha, Ms.A.Rishya and Ms.K.Kavitha of final year worked as an “Intern” in MSIT Research and development, Coimbatore from 18<sup>th</sup> December 2017 to 6<sup>th</sup> January 2018.

### **Software Training / Add-on Programmes:**

#### **R Language Training:**

- Mr.S.Ragavendran, Mr.R.Sangeetha, Mr.A.Abisheak Ms.G.Bagyalakshmi, Ms.P.Jaya Preetha, Mrs.J.Rajasri, Ms.S.Varalakshmi, Ms.J.Thillaiarasi and Ms.M.Malathi of third year students and Mr.A.Arulkumar, Mr.S.Madhusoodhanan, Mr.S.Saranraj, Mr.M.Balaji, Mr.S.Subash and Ms.S.Bhavani of second year students trained on “R Language Basics” by Mr.M.BalaAnand and Mr.N.Gobinathan, Assistant Professors of our college during 5<sup>th</sup> and 6<sup>th</sup> December 2017.

#### **DotNet And MySQL Training:**

- Mr.P.S.Balaji, Mr.V.Nixon, Mr.M.Sachindivagar, Mr.T.Sureshkumar, Ms.A.Iswarya, Ms.C.Karpagam, Ms.K.Kavitha, Ms.K.Meena, Ms.A.Rishiya, Ms.S.Sangeetha, Ms.S.Srimathi and Ms.S.Susmitha of final year students trained on “DotNet and MySQL” by eAPPZ Software Solution, Chennai.

#### **Industrial Visit:**

- Mrs.N.Kavitha, Associate Professor and Mr.K.Ramesh, Assistant Professor guided third year and final year students to visit MSIT Design & Development, KGISL in Coimbatore and Doddabetta Tea Factory & Ooty FM Station, in Ooty from 09<sup>th</sup> to 11<sup>th</sup> August 2017.
- Mrs.A.Niranjana Devi, Professor and Mr.M.Sabareesan, Assistant Professor guided second year students to visit S3 Technologies, Arun Multilayers Pvt. Ltd. and Triax Pvt. Ltd. in Madurai and Global Techno Solutions and AIR- FM Station in Kodaikanal from 10<sup>th</sup> to 12<sup>th</sup> August 2017.

### **Department of Civil Engineering**

#### **Association (The ACE) Activities:**

- A National level seminar and Inauguration of Department activities were conducted jointly by TheACE and ISTE on 13<sup>th</sup> July 2017. Dr.R.Baskar, Training and Placement officer, Annamalai University delivered guest lecture on “Recent Trends in Steel Structures”.
- TheACE organized National level technical symposium in association with ISTE on 14<sup>th</sup> September 2017. The inaugural address was given by Dr.K.Balasubramanian, Managing Director, Hitech Concrete Solutions Pvt. Ltd., Chennai.

#### **Staff Activities:**

#### **FDP/Workshop/Seminar Participation:**

- Ms.K.Sathya, Assistant Professor participated in the



- technical seminar “PONSEM-2017” organized by Pondicherry Civil Engineers Association on 17<sup>th</sup> September 2017 and attended Six days Faculty Development Programme on “Industrial linked Civil Engineering Software ArcGIS/STAAD.Pro” at Knowledge Institute of Technology, Salem from 20<sup>th</sup> to 25<sup>th</sup> November 2017.
- Ms.R.Vijayalakshmi, Ms.S.Pratheba, Mr.P.Vijayakumar and Mr.A.Kumar, Assistant Professors attended a seminar on “Transportation Systems” organized by K.Ramakrishnan College of Technology, Tiruchirappalli on 18<sup>th</sup> September 2017.
- Ms.S.Pratheba, Assistant Professor participated one day workshop on “Understanding Waste Water Treatment Technologies & Green Environment” organized by K.Ramakrishnan College of Technology, Tiruchirappalli on 20<sup>th</sup> September 2017.
- Mr.N.Ravikumar and Mr.A.George Fernandez Raj, Assistant Professors attended National level workshop on “Art of Writing & Publishing Effective Research Paper in Journals and Conferences” organized by Kongu Engineering College, Erode on 07<sup>th</sup> October 2017.
- Mr.A.Kumar, Ms.M.Kalpana, Ms.P.Saranya, Ms.C.Thilagavathy and Ms.S.Vainavi, Assistant Professors participated in National level workshop on “Sustainable Materials in Civil Engineering” organized by St. Joseph’s Institute of Technology, Chennai on 09<sup>th</sup> November 2017.
- Mr.A.George Fernandez Raj, Mr.N.Ravikumar, Ms.M.Divya and Ms.C.Thilagavathy Assistant Professors participated in one day seminar on “Concrete and Steel Structures” organized by Panimalar Engineering College, Chennai on 23<sup>rd</sup> November 2017.
- Mr.A.George Fernandez Raj, Ms.C.Thilagavathy and Ms.S.Vainavi Assistant Professors attended five days Faculty Development Training Programme on “Soil Mechanics” at Panimalar Engineering College, Chennai from 27<sup>th</sup> November to 01<sup>st</sup> December 2017.
- Ms.R.Vijayalakshmi, Ms.S.Pratheba, Ms.P.Jayanthi, Mr.P.Vijayakumar and Mr.R.Saranraj, Assistant Professors attended five days Faculty Development Programme on “Structural Monitoring and Instrumentation of Civil Engineering Structures” organized by Pondicherry Engineering College from 04<sup>th</sup> to 08<sup>th</sup> December 2017.
- Mr.A.Kumar, Assistant Professor attended one week



Faculty Development Training Programme on “Applied Hydraulic Engineering” at Anna University, Chennai from 6<sup>th</sup> to 13<sup>th</sup> December 2017 and two days Faculty Development Training Programme on “Prestressed concrete structures” at St.Joseph's Institute of Technology, Chennai from 23<sup>rd</sup> and 24<sup>th</sup> April 2018.

- ✂ Ms.M.Kalpana and Ms.P.Saranya, Assistant Professors attended one week Faculty Development Training Programme on “Design of Reinforced Concrete and Brick Masonry” at Rajalakshmi Engineering College, Chennai from 06<sup>th</sup> to 14<sup>th</sup> December 2017.
- ✂ Mr.N.Ravikumar, Assistant Professor attended two days workshop on “Analysis and Design of R.C.C. Building with detailing” organized by S.A. Engineering College, Chennai during 11<sup>th</sup> and 12<sup>th</sup> December 2017 and AICTE-ISTE Sponsored one week Induction / Refresher Programme On “Global Environmental Issues and Challenges Monitoring Using GI Technologies” at Knowledge Institute of Technology, Salem from 25<sup>th</sup> to 30<sup>th</sup> June 2018.
- ✂ Ms.M.Divya, Assistant Professor attended three days seminar on “Management of Drought and Flood for Enhanced Food Security and Livelihoods” organized by Mepco Schlenk Engineering College, Sivakasi from 14<sup>th</sup> to 16<sup>th</sup> December 2017.
- ✂ Ms.S.Pratheba and Ms.P.Jayanthi Assistant Professors participated in one day workshop on “Repair and Rehabilitation of Structures” at VIT University, Vellore on 17<sup>th</sup> March 2018.
- ✂ Ms.S.Pratheba, Assistant Professor Participated in the Science Model Competition conducted by the Science City during the “Chennai Science Festival 2018” from 21<sup>st</sup> to 24<sup>th</sup> February 2018.
- ✂ Mr.N.Ravikumar, Mr.A.George Fernandez Raj and Ms.P.Jayanthi, Assistant Professors attended a one week Faculty Development Training programme on “CE-6703 Water Resources and Irrigation Engineering” at University College of Engineering, Panruti from 07<sup>th</sup> to 13<sup>th</sup> June 2018.
- ✂ Ms.M.Kalpana and Ms.P.Saranya, Assistant Professors attended a one week Faculty Development Training programme on “Design of Reinforced Concrete Elements” at St.Joseph Engineering College, Chennai from 28<sup>th</sup> May 2018 to 4<sup>th</sup> June 2018.
- ✂ Mr.A.George Fernandez Raj, Ms.M.Kalpana, and Ms.C.Thilagavathy, Assistant Professors attended one day seminar on “Treatment of RO rejects and Advancements in Desalination Process” organized by Knowledge Institute of Technology, Salem on 10<sup>th</sup> March 2018.
- ✂ Ms.C.Thilagavathy and Ms.S.Vainavi, Assistant Professors attended one week Faculty Development Training Programme on “Structural Analysis I” at Sai Ram Institute of Technology, Chennai from 28<sup>th</sup> May 2018 to 04<sup>th</sup> June 2018.

#### **Paper Publications:**

- ✂ Ms.R.Vijayalakshmi, Ms.R.Pratheba and Mr.A.Kumar,

Assistant Professors published a paper on “Experimental Study on High Strength Rice Husk Ash Concrete Incorporating Lathe Waste” in the International Journal of Science and Technology, ISSN: 2278-7798 Vol.6 (9) on September 2017.

- ✂ Mr.N.Ravikumar, Assistant Professor published a paper on “Experimental Study on Light Transparency of Concrete by using Optical Fiber” in the International Journal of Scientific Engineering and Science, ISSN: 2456-7361 Vol.2 (2) on March 2018.
- ✂ Mr.P.Vijayakumar, Assistant Professor published a paper on “Seismic performance of RC Shear wall Building with Soil Structure Interaction effects” and Mr.A.George Fernandez Raj, Assistant Professor published a paper on “Risk Management Assessment in Mine Sites - Neyveli” in the International Innovative Research Journal of Engineering and Technology, ISSN: 2456-1983 Vol.3 (3) on March 2018.

#### **Students Activities:**

##### **Technical Events:**

- ✂ Mr.M.Dhinesh Kumar & Mr.K.Santhosh Kumar of third year presented a paper on “Formwork” and Mr.M.Dhinesh Kumar & Mr.S.Sathish of third year participated and won 3<sup>rd</sup> prize in the “Brick Maze” in a National level technical symposium at Sengunthar Engineering College, Erode during 30<sup>th</sup> and 31<sup>st</sup> August 2017.
- ✂ Mr.A.Rajkumar and Mr.S.Sathish of the third year presented a paper on “Non-Destructive Test on Eddy Current Method in Concrete” and Mr.M.Dhinesh Kumar and Mr.K.Vijay of third year presented paper on “Bamboo as Construction Material” in National level technical symposium at Misrimal Navajee Munoth Jain Engineering College, Chennai on 16<sup>th</sup> September 2017.
- ✂ Ms.S.Dhanalakshmi and Ms.A.Mangaiyarkarasi of final year won 1<sup>st</sup> place in paper presentation on “Experimental Study on Partial Replacement of Fine Aggregate with Quarry Dust and Red Soil in Concrete” and Mr.J.Muthunayanan and Mr.S.Baranidharan of final year won 2<sup>nd</sup> place in paper presentation on “An Experimental Study on the behaviour of Bitumen” in National level technical symposium at Rover Engineering College, Perambalur on 5<sup>th</sup> January 2018.
- ✂ Mr.S.Satheesh Kumar of final year won first place in “Technical Quiz”, Mr.J.Muthunayanan of final year won 1<sup>st</sup> place in “Code Frick” and Ms.S.Dhanalakshmi of final year won 2<sup>nd</sup> place in “CADD Modelling” in National level technical symposium at Rover Engineering College, Perambalur on 5<sup>th</sup> January 2018.
- ✂ Ms.M.Sandhiya of final year attended one day workshop on “Understanding Solid Waste Management Practices” organized by Department of Civil Engineering in K.Ramakrishnan College of Technology on 21<sup>st</sup> February 2018 and attended one day Seminar on “Alternatives to the Cement, Natural Sand and Aggregates in Modern

Construction Practices” organized by Department of Civil Engineering in Erode Sengunthar Engineering College on 27<sup>th</sup> February 2018.

- ✂ Mr.J.Muthunayanan of final year won 1<sup>st</sup> place in poster presentation on “An Experimental Study on the behaviour of Bitumen” and Mr.R.Chandrakumar of final year won 2<sup>nd</sup> place in poster presentation on “Experimental Study on Adding Human Hair Fiber in Concrete and Partial Replacement of Coarse Aggregate Using Plastic Chips” and Mr.A.Gowtham of third year participated in poster presentation on “Partially Replacement By Waste Glass” & Ms.R.Vinitha and Ms.B.Yogeswari of final year won 1<sup>st</sup> place in “Scavenger Hunt” in National level technical symposium at CK College of Engineering and Technology on 27<sup>th</sup> February 2018.
- ✂ Mr.E.Ragul of final year won 2<sup>nd</sup> place in paper presentation on “Experimental Study of Steel Concrete, Composite using Shear Connector”, Mr.E.Aravind raj and Mr.A.Mohammed Musthak of third year presented paper on “Need of Civil Engineers in Agriculture”, Mr.S.Syed Abdullah and Mr.V.Ajith Kumar of third year participated in paper presentation on “Porous Pavement”, Mr.K.Vijay of third year presented paper on “Solar Roadway”, Mr.A.Rajkumar of third year participated in paper presentation on “Recycled Aggregate Concrete”, Mr.S.Mugilan and Mr.N.Navin Raj of third year participated in paper presentation on a topic “Thermal Insulation Blocks” and Mr.I.Kalaiyarasan of third year Participated in Paper Presentation on a topic “V-Boot Technology” in National level technical symposium at CK College of Engineering and Technology on 27<sup>th</sup> February 2018.
- ✂ Mr.J.Muthunayanan of final year won 2<sup>nd</sup> place in paper presentation on “An Experimental Study on the behaviour of Bitumen” and Mr.J.Muthunayanan of final year won 1<sup>st</sup> place in poster exhibitor on “Light Weight Concrete” in National level technical symposium at Government College of Engineering, Salem and University College of Engineering, Tindivanam on 9<sup>th</sup> March 2018 and 28<sup>th</sup> March 2018 respectively.
- ✂ Mr.A.Mohammed Musthak and Mr.S.Mohamed Faisil of third year won 2<sup>nd</sup> place in paper presentation on a topic “Light Weight Concrete” in National level technical symposium at A.K.T Memorial College of Engineering and Technology on 28<sup>th</sup> March 2018.
- ✂ Mr.S.Baranidharan of final year civil won 1<sup>st</sup> place in paper and poster presentation and 2<sup>nd</sup> place in Connexions and CADD Modelling in National level technical symposium at University College of Engineering, Tindivanam on 28<sup>th</sup> March 2018.
- ✂ Mr.J.Muthunayanan of final year won 1<sup>st</sup> place in CADD Modelling and Ms.R.Kalaiyarasi & Ms.A.M.Iswariya of final year won 2<sup>nd</sup> place in poster presentation on “Retrofitting of RC Structures” and Mr.R.Chandrakumar of final year won 3<sup>rd</sup> place in poster presentation on “Light

Translucent Concrete” in National level technical symposium at University College of Engineering, Tindivanam on 28<sup>th</sup> March 2018.

#### **Paper Publications:**

- ✂ Mr.R.Rajkumar, Mr.K.Ramprabhu, Mr.S.Pavithran and Mr.S.Sivasankar of final year published a paper on “Experimental investigation on Strength Behaviour of Concrete using M-Sand”, Mr.D.Parthasarathy, Mr.B.Prabakaran, Mr.R.Rajasekar and Mr.S.Sathasivam of final year published a paper on “Experimental investigation on Structural Behaviour of Rammed Earth Wall” under the guidance of Mr.P.Vijayakumar, Assistant Professor and Mr.J.Muthunayanan, Mr.R.Manikandan, Mr.S.E.Manikandan and Mr.S.Muthukumar of final year published a paper on “An Experimental Study on the behaviour of Bitumen By Partially Replacing With Plastic Waste” under the guidance of Ms.C.Thilagavathy, Assistant Professor in the International Innovative Research Journal of Engineering and Technology, ISSN: 2456-1983 Vol.3 (3) on March 2018.
- ✂ Ms.A.M.Iswariya, Ms.R.Kalaiyarasi, Ms.A.Jayasri and Ms.M.Gowsalya, of final year published a paper on “An Experimental Study on Waste Glass as Partial Replacement for Fine Aggregate in Concrete” and Ms.K.Deepeka, Ms.A.Kanimozhi, Ms.J.Malathi and Ms.J.Nandhini of final year published a paper on “An Experimental Study on Bagasse Ash as Partial Replacement for cement in Concrete” and Mr.S.Bharathi, Mr.E.Devanathan, Mr.T.Dhinesh Babu and Mr.D.Hariprasath of final year published a paper on “An Experimental Study on off-shore Sand with Partial Replacement of river sand in Concrete” under the guidance of Ms.S.Pratheba, Assistant Professoer in the International Journal of Engineering and Technology, ISSN: 2395-0072 Vol.5 (3) on March 2018.
- ✂ Ms.S.Dhanalakshmi, Ms.A.Mangaiyarkarasi, Ms.D.Anusha and Ms.S.Bhavani of final year published a paper on “Experimental Study on Partial Replacement of Fine Aggregate with Quarry Dust and Red Soil in Concrete” under the guidance of Mr.A.Kumar, Assistant Professor in the International Journal of Science, Engineering and Technology Research, ISSN: 2278-7798 Vol.7 (3) on March 2018
- ✂ Mr.R.Chandrakumar, Mr.K.Aravindraj, Mr.C.Gopinath and Mr.K.Ilayaraja of final year published a paper on “Experimental Study on Adding Human Hair Fiber in Concrete and Partial Replacement of Coarse Aggregate Using Plastic Chips”, Mr.A.Anandhakumar, Mr.A.Arjunan and Mr.I.Immanuvel of final year civil engineering students published a paper on “Experimental Studies on Partial Replacement of Bottom Ash and Glass Powder as Cementing Concrete Paving Block” under the guidance of Mr.A.George Fernandez raj, Assistant Professor and Ms.B.Revathi, Ms.C.Sandhiya, Ms.P.Santhiya and Ms.P.Nisha of final year published a paper on “An





Experimental Study on Partial Replacement of Cement by GGBS and Metakolin” and Mr.E.Ragul, Mr.S.Sridhar, Mr.N.Shubhash and Mr.N.Pozhilan of final year published a paper on “Experimental Studies on Confined Steel Concrete Composite Beam and their Pure Bending” under the guidance of Ms.P.Saranya, Assistant Professor in the International Innovative Research Journal of Engineering and Technology, ISSN: 2456-1983 Vol.3 (3) & (4) on March and June 2018 respectively.

#### **Inplant Training:**

- ✂ Ms.A.Mangaiyarkarasi and Ms.S.Dhanalakshmi of final year attended 10 days In-plant training program at “Viji Engineering Consultancy & Contracting, Tittagudi” from 17.11.2017 to 20.11.2017 and 07.12.2017 to 13.12.2017.
- ✂ Mr.K.Saravanan of third year attended In-plant training program at “Dilip Kulkarni & Associates, Mumbai” from 22<sup>nd</sup> November to 09<sup>th</sup> December 2017.
- ✂ Ms.K.Kalaimathi, Ms.K.Guna, Ms.B.Hemamalini, Ms.E.Josephinmary, Ms.S.Kowsalya, Ms.S.Jansirani and Ms.S.P.Dhayanethi of third year attended In-plant training program at Computer Design Centre, Central Office, Public Works Department, Pondicherry from 20<sup>th</sup> November to 01<sup>st</sup> December 2017.
- ✂ Mr.S.Baranidharan, Mr.Muthunarayanan and Mr.E.Ragul of final year attended one month Internship program at “Kemia Apartments Limited, Puducherry” from 01<sup>st</sup> to 31<sup>st</sup> December 2017.
- ✂ Mr.P.Balraj, Mr.K.Santhosh Kumar, Mr.M.Santhosh, Mr.R.Sivachandiran, Mr.K.Velmurugan, Mr.K.Vijay, Mr.S.Sathish, Mr.M.Sudhagar, Mr.M.Gurunathan, Mr.A.Rajkumar, Mr.N.Perumal and Ms.K.Yamuna of third



year attended In-plant Training program at Office of Divisional Engineer (C&M) Highways, Villupuram from 04<sup>th</sup> to 15<sup>th</sup> December 2017.

- ✂ Mr.N.Pozhilan, Mr.S.Viknesh, Mr.R.Vignesh, Mr.V.Veerabalaraj and Mr.K.Sanchudhanadhajothi of final year attended 10 days In-plant training program at “Siva Engineering Consultants, Chennai” from 11<sup>th</sup> to 22<sup>nd</sup> December 2017.

#### **Department of Science And Humanities:**

##### **Staff Activity:**

##### **Conference:**

- ✂ Mr.A.Senthamizhan, Associate Professor / Physics, presented a research paper entitled “Study on Growth and Thermal, Electric, Photoconductivity & Dielectric studies of Pure & Lanthanum Doped Lauric Acid Single Crystals” in National Conference on Recent Advancements in Materials Science at Government Arts College, Tiruvannamalai on 25<sup>th</sup> and 26<sup>th</sup> July 2017 and presented a research paper entitled “Growth and Characterization of pure and Nickel Sulphate Doped L-Threonine Acetate Crystals” in International Conference on Recent Advances in Applied Physics at Annamalai University, Chidambaram on 21<sup>st</sup> and 22<sup>nd</sup> September 2017.

##### **Paper Presentation:**

- ✂ Ms.G.Gowrishanmugapriya, Assistant Professor/Physics presented a paper entitled “The Smartphone culture in human life” in National level Conference, held at Sri Vidhyodhaya College of Education, Villupuram during 19<sup>th</sup> and 20<sup>th</sup> May 2018.

#### **Department of Physical Education**

##### **Participation & Achievements:**

- ✂ Mr.A.Murali, Director of Physical Education has been appointed as
  - selection committee member for Taekwondo (Men & Women) Anna University Inter Zone Competition held at Mailam Engineering College, Mailam during 21<sup>st</sup> and 22<sup>nd</sup> September 2017.
  - selection committee member for Boxing (Men & Women) Anna University Inter Zone Competition held at Kumaraguru College of Tech, Coimbatore on 12<sup>th</sup> December 2017.
  - selector for Anna University Kho-Kho (Men) Team for South Zone Inter University competition held at Kings





Engineering College, Namakkal from 6<sup>th</sup> to 7<sup>th</sup> January 2018.

- ✂ Our Hockey team (Men) won runner-up in MGR Century Year Trophy 2017, in Hockey Inter Collegiate Tournament conducted by Tamilnadu State Government at Mailam Engineering College, Mailam during 6<sup>th</sup> and 7<sup>th</sup> August 2017.
- ✂ Our Kho-Kho team (Men) won first place and (Women) won runner-up in MGR Century year Trophy 2017 in Kho-Kho Inter Collegiate Tournament conducted by Tamilnadu State Government held at our College on 8<sup>th</sup> August 2017.
- ✂ Our Cricket team won runner-up in Anna University Zone V Cricket Team (Men) tournament conducted at Surya Engineering College, Vikravandi from 30<sup>th</sup> August to 04<sup>th</sup> September 2017.
- ✂ Our Football team (Men) won third place in Anna University Zone V Football team (Men) Tournament conducted at Mailam Engineering College, Mailam during 6<sup>th</sup> and 7<sup>th</sup> September 2017.
- ✂ Our Kho-Kho team (Men) won first place in Anna University Zone V Kho-Kho (Men) Tournament in fourth consecutive year conducted at our College during 14<sup>th</sup> and 15<sup>th</sup> September 2017.
- ✂ Our Hockey team (Men) won the third place in Anna University Zone V Hockey team (Men) Tournament conducted at Mailam Engineering College during 19<sup>th</sup> and 20<sup>th</sup> September 2017.
- ✂ Our Athletic team (Men & Women) won many medals and certificates in Anna University Zone V Athletic Meet conducted at Adhiparasakthi Engineering College, Melmaruvathur during 5<sup>th</sup> and 6<sup>th</sup> October 2017.

#### Boys:

- ♦ Mr. S.Sethupathy of second year EEE secured first place



in 5,000 mts and 10,000 mts

- ♦ Mr M.Vijay of second year Mechanical secured first place in High jump

#### Girls:

- ♦ Ms.K.Deepika of final year Civil, secured first place in High Jump and second place in Shotput for Girls
- ✂ Our Kho – Kho (Men) team has been qualified and participated in Anna University Inter - zone Kho-Kho tournament 2017- 18 held at Kings Engineering College, Namakkal during 6<sup>th</sup> and 7<sup>th</sup> January 2018.
- ✂ Mr.A.Suriya Prakash of Final Year Civil Engineering has been selected to represent Anna University, Chennai Kho – Kho Team (Men) for the South Zone Inter – University Competition held at University of Mysore from 17<sup>th</sup> to 20<sup>th</sup> January 2018.
- ✂ Mr.V.Aravind of final year Civil and Mr.S.G.Chandru of final year Mechanical have been selected for Villupuram District Cricket Under - 23 cricket team to play TNCA Inter District Cricket Tournament conducted at Coimbatore from 22<sup>nd</sup> to 25<sup>th</sup> February, 2018
- ✂ Mr.R.Rahul of second year Mechanical has been selected to represent Villupuram District Hockey Team (Men) to play Chief Minister Trophy held at Trichy from 23<sup>th</sup> to 25<sup>th</sup> February 2018.
- ✂ Mr.D.Balaganesh of third year Civil won first place in state level Taekwondo Championship - 2018 organized by Villupuram district Taekwondo Association on 25<sup>th</sup> February, 2018
- ✂ Mr.R.Ajith Kumar of third year Mechanical won first place in National level Yoga Competition - 2018 held at Arasu Engineering College, Kumbakonam on 19<sup>th</sup> June, 2018.

#### Hosted:

- ✂ Our college conducted Anna University Zone V Volleyball tournament (Boys) during 17<sup>th</sup> and 18<sup>th</sup> August 2017 and Anna University Zone V Kho-Kho (Men) during 14<sup>th</sup> and 15<sup>th</sup> September 2017.

## Editorial Board

- ✂ **Mr.A.Raja, Asst. Professor/Maths**
- ✂ **Ms.M.Kalpana, Asst. Professor/Civil**
- ✂ **Mr.P.Sarangapani, Asst. Professor/Mech**
- ✂ **Mr.S.Manimaran, Asst. Professor/EEE**
- ✂ **Mr.V.Vinothraj, Asst. Professor/CSE**
- ✂ **Mrs.P.Sujatha, Assoc. Professor/ECE**
- ✂ **Mr.P.Palanisamy, Asst. Professor/English**